

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of managing multimedia content created using synchronized multimedia integration language (SMIL), the method comprising:
extracting information on a plurality of resource files by parsing an SMIL document; and
packaging a plurality of files comprising the SMIL document and the plurality of resource files into a single file using the extracted information,

wherein the operation of packaging comprises:

forming a header based on the extracted information;

creating a plurality of file indexing information based on the extracted information, to access the plurality of resource files; and

creating an SMIL integrated file by packaging the header, the plurality of file indexing information, the SMIL document, and the plurality of resource files into a single file,

wherein the header comprises information on the number of the plurality of files included in the SMIL integrated file and information on a length of the SMIL integrated file.

2.-3. (canceled).

4. (previously presented): The method of claim 1, wherein the header comprises copyright information of at least one of the SMIL document and the plurality of resource files.

5. (previously presented): The method of claim 1, wherein the plurality of file indexing information comprises respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file.

6. (original): The method of claim 1 further comprising:
storing a packaged SMIL integrated file.

7. (original): The method of claim 1 further comprising:
transmitting a packaged SMIL integrated file.

8. (currently amended): A method of managing multimedia content created using synchronized multimedia integration language (SMIL), the method comprising:
extracting information for accessing a plurality of files included in an SMIL integrated file by parsing the SMIL integrated file;
providing an SMIL document; and
providing a predetermined resource file by referring to the information when a request for the predetermined resource file is issued,
wherein the operation of extracting the information comprises extracting respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file, and the operation of providing the predetermined resource file comprises searching for the predetermined resource file from among a plurality of resource files by referring to the respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file, and

wherein a header of the SMIL integrated file comprises information on the number of the plurality of files included in the SMIL integrated file and information on a length of the SMIL integrated file.

9. (previously presented): The method of claim 8, wherein the operation of extracting the information comprises extracting file indexing information from a plurality of indexing information to access the predetermined resource file, and the operation of providing the predetermined resource file comprises providing the predetermined resource file by referring to the file indexing information.

10. (canceled).

11. (currently amended): A file system that manages multimedia content created using synchronized multimedia integration language (SMIL), the file system comprising:

a parsing unit which extracts information on a plurality of resource files by parsing an SMIL document to generate extracted information; and

a packaging unit which packages a plurality of files including the SMIL document and the plurality of resource files into a single file using the extracted information,

wherein the packaging unit creates a header using the extracted information on the plurality of resource files, creates a plurality of file indexing information using the extracted information to access the plurality of resource files; and creates an SMIL integrated file by packaging the header, the plurality of file indexing information, the SMIL document, and the plurality of resource files into a single file, and

wherein the packaging unit creates the header by inserting information on the number of the plurality of files included in the SMIL integrated file and information on a length of the SMIL integrated file into the header.

12. -13. (canceled).

14. (previously presented): The file system of claim 11, wherein the packaging unit creates a header by inserting copyright information of at least one of the SMIL document and the plurality of resource files.

15. (previously presented): The file system of claim 11, wherein the packaging unit packages respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file as the file indexing information.

16. (original): The file system of claim 11 further comprising:
a file managing unit which stores or transmits an SMIL integrated file packaged by the packaging unit.

17. (original): The file system of claim 11 further comprising:
a file managing unit which provides a predetermined SMIL document when there is a request for the predetermined SMIL document and provides a predetermined resource file linked to the SMIL document when there is a request for the predetermined resource file by referring to corresponding information extracted from an SMIL integrated file by the parsing unit,

wherein the parsing unit extracts the corresponding information for accessing files included in the SMIL integrated file by parsing the SMIL integrated file.

18. (original): The file system of claim 17, wherein the parsing unit extracts file indexing information to access the predetermined resource file, and the file managing unit searches for the predetermined resource file by referring to the file indexing information and provides the predetermined resource file.

19. (original): The file system of claim 17, wherein the parsing unit extracts file indexing information, including respective name, length, and offset information of at least each of the plurality of files included in the SMIL integrated file, and the file managing unit searches for the predetermined resource file by referring to the name, length, and offset information of each of the plurality of files included in the SMIL integrated file and provides the predetermined resource file.

20. (previously presented): The method of claim 1, wherein the plurality of the indexing information are consecutively disposed together and precedes the plurality of resource files.

21. (previously presented): The method of claim 8, wherein the plurality of the indexing information are consecutively disposed together and precedes the plurality of resource files.

22. (previously presented): The file system of claim 11, wherein the plurality of file indexing information are consecutively disposed together and precedes the plurality of resource files.

23. (previously presented): The method of claim 20, wherein the header comprises information for all of the plurality of resource files.

24. (previously presented): The method of claim 21, wherein the header comprises information for all of the plurality of resource files.

25. (previously presented): The file system of claim 22, wherein the header comprises information for all of the plurality of resource files.

26. (previously presented): The method of claim 1, wherein the SMIL document comprises information to adjust the reproduction time of each media object included in the plurality of resource files, layouts on a screen, and screen division.

27. (previously presented): The method of claim 8, wherein the SMIL document comprises information to adjust the reproduction time of each media object included in the plurality of resource files, layouts on a screen, and screen division.

28. (previously presented): The method of claim 11, wherein the SMIL document comprises information to adjust the reproduction time of each media object included in the plurality of resource files, layouts on a screen, and screen division.